

16 DEC 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 July 2004 (22.07.2004)

PCT

(10) International Publication Number
WO 2004/061022 A1

(51) International Patent Classification⁷: **C09D 11/00**,
B41M 5/00, B41J 2/01

(21) International Application Number:
PCT/JP2003/016366

(22) International Filing Date:
19 December 2003 (19.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002-379607 27 December 2002 (27.12.2002) JP

(71) Applicant (*for all designated States except US*): CANON
FINETECH INC. [JP/JP]; 5540-11, Sakatemachi, Mit-
sukaido-shi, Ibaraki 303-8503 (JP).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): MORIOKA,
Junko [JP/JP]; c/o CANON FINETECH INC., 5540-11,
Sakatemachi, Mitsukaido-shi, Ibaraki 303-8503 (JP).
OOKAWA, Takayuki [JP/JP]; c/o CANON FINETECH

INC., 5540-11, Sakatemachi, Mitsukaido-shi, Ibaraki
303-8503 (JP). YAMAMOTO, Tomoya [JP/JP]; c/o
CANON FINETECH INC., 5540-11, Sakatemachi,
Mitsukaido-shi, Ibaraki 303-8503 (JP). TACHIBANA,
Yukiko [JP/JP]; c/o CANON FINETECH INC., 5540-11,
Sakatemachi, Mitsukaido-shi, Ibaraki 303-8503 (JP).
INOUE, Hitoshi [JP/JP]; c/o CANON FINETECH INC.,
5540-11, Sakatemachi, Mitsukaido-shi, Ibaraki 303-8503
(JP).

(74) Agents: YOSHIDA, Katsuhiko et al.; Akosu Building,
30, Kanda Sakuma-cho 3-chome, Chiyoda-ku, Tokyo 101-
0025 (JP).

(81) Designated States (*national*): CN, US.

(84) Designated States (*regional*): European patent (AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU,
IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR).

Published:

— with international search report

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: INKJET PRINTER INK

(57) Abstract: A water-based inkjet printer ink contains at least a colorant and a resin. The resin is a block copolymer, which contains at least one hydrophilic block and at least one hydrophobic block. Each of the blocks is a vinyl ether polymer. The ink further contains aluminum or an aluminum compound.

WO 2004/061022 A1